

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference HUS-01015 PCT(203-5608 PCT)	<b>FOR FURTHER ACTION</b> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>see Form PCT/ISA/220</span> <span>as well as, where applicable, item 5 below.</span> </div>	
International application No. PCT/US 08/61498	International filing date (day/month/year) 25 April 2008 (25.04.2008)	(Earliest) Priority Date (day/month/year) 28 April 2007 (28.04.2007)
Applicant TYCOO HEALTHCARE GROUP LP		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed.  
☐ a translation of the international application into \_\_\_\_\_ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

b. ☐ This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II).

3. ☐ Unity of invention is lacking (see Box No. III).

4. With regard to the title,

- ☒ the text is approved as submitted by the applicant.  
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☐ the text is approved as submitted by the applicant.  
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 2  
☒ as suggested by the applicant.  
☐ as selected by this Authority, because the applicant failed to suggest a figure.  
☐ as selected by this Authority, because this figure better characterizes the invention.
- b. ☐ none of the figures is to be published with the abstract.

## Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Testing system for measuring closure pressure between jaw members of electrosurgical forceps. The testing system includes a testing platform, a pair of selectively adjustable instrument supports, a testing stand. The platform has an elongated bed that supports an instrument rest, which supports the electrosurgical forceps. The pair of instrument supports are associated with the elongated bed and secure the forceps atop the elongated bed. The testing stand is disposed at a distal end of the elongated bed and supports a piece of testing material. The testing stand includes a layer of visco-elastic material and a pressure sensitive film. The layer of visco-elastic material forms a pocket. The pressure sensitive film is disposed within the pocket of the visco-elastic layer. The pressure sensitive film is adapted to electromechanically communicate with a diagnostic system to measure the closure pressure between jaw members when they are in a clamped configuration.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 08/1498

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A81B 1/00 (2008.04)

USPC - 600/118

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC8 : A81B 1/00 (2008.04)

USPC : 600/118

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

IPC8 : A81B 17/00, A81B 18/00 (2008.04)

USPC : 600/101, 600/104, 600/117, 600/120, 606/1, 606/32, 606/42, 606/43, 606/48, 606/51, 606/52

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST (PGPB,USPT,EPAB,JPAB), Google Scholar

pressure with sensitive with firm, test\$, rig, platform, stand, bed, forceps\$, measure\$, test\$, assess\$, closure, closing, clamp\$, jaw, pressure, load, force, elastic\$, visco\$, grip, clamp, tissue, flesh, mimic\$, analog\$, phantom, piezoresist\$, sensor, membrane, layer

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/0229666 A1 (SUZUKI et al) 12 October 2006 (12.10.2006) see especially para [0159]-[0162], fig 15a, 15b, 16	1-23
Y	US 2003/0228344 A1 (DYCUS et al) 11 December 2003 (11.12.2003) see especially para [0178], [0226]	1-23
Y	CROUCH J.R. et al "A Velocity-Dependent Model for Needle Insertion in Soft Tissue". MICCAI 2005. LNCS 3750, pp. 624-632, 2005	1-23

☐ Further documents are listed in the continuation of Box C.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

17 September 2008 (17.09.2008)

Date of mailing of the international search report

22 SEP 2008

Name and mailing address of the ISA/US

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